

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1530	250/214.1.ccls.	USPAT	OR	ON	2006/03/17 10:06
L4	281	250/214.1.ccls.	US-PGPUB	OR	ON	2006/03/17 10:13
L6	3774	250/214R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 10:06
L7	193	250/214R.ccls.	US-PGPUB	OR	ON	2006/03/17 10:12
L8	4526	avalanche adj2 ( (photo\$1diode) (photo adj2 diode) )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 10:13
L9	28	3 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 10:07
L10	80	6 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 10:07
L13	0	(( avalanche adj2 ( (photo\$1diode) (photo adj2 diode))) and dynamic and (doping dopant)).clm.	US-PGPUB	OR	ON	2006/03/17 10:30
L14	11	(( avalanche adj2 ( (photo\$1diode) (photo adj2 diode))) and dynamic ).clm.	US-PGPUB	OR	ON	2006/03/17 10:30
S1	17	(( punch adj2 through) (punch\$1through) ) same (breakdown overvoltage overload) same ( dynamic )	USPAT	OR	ON	2006/03/13 15:31
S2	31	(( punch adj2 through) (punch\$1through) ) same (breakdown overvoltage overload) same ( dynamic )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 10:04
S3	14	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/13 15:31
S4	2	((("20040106265") or ("20030178552")).PN.	US-PGPUB	OR	OFF	2006/03/13 15:32
S5	1197	250/216.ccls.	USPAT	OR	ON	2006/03/14 14:43
S6	640	250/207.ccls.	USPAT	OR	ON	2006/03/14 16:26
S7	596	250/214LA.ccls.	USPAT	OR	ON	2006/03/14 14:44
S8	1530	250/214.1.ccls.	USPAT	OR	ON	2006/03/14 14:43
S9	56	398/138.ccls.	USPAT	OR	ON	2006/03/14 14:44
S10	210	398/139.ccls.	USPAT	OR	ON	2006/03/14 14:44
S11	298	398/141.ccls.	USPAT	OR	ON	2006/03/14 14:44
S12	51	398/142.ccls.	USPAT	OR	ON	2006/03/14 14:44
S13	505	257/603,609,611.ccls.	USPAT	OR	ON	2006/03/14 16:09
S14	161	257/438.ccls.	USPAT	OR	ON	2006/03/14 14:44
S15	27079	field adj3 control	USPAT	OR	ON	2006/03/14 16:27
S16	2250	avalanche adj2 ( (photo\$1diode) (photo adj2 diode) )	USPAT	OR	ON	2006/03/17 10:05
S17	40	S15 and S16	USPAT	OR	ON	2006/03/14 14:49
S18	6	("5539221"   "5543629"   "5912478"   "6218657"   "6342701").PN. OR ("6720588").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 15:05
S19	9660	(( punch\$1through) ( punch adj2 through))	USPAT	OR	ON	2006/03/14 16:27
S20	18	S16 and S19	USPAT	OR	ON	2006/03/14 15:06

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S21	3	S17 and S20	USPAT	OR	ON	2006/03/14 15:06
S22	13	S5 and S16	USPAT	OR	ON	2006/03/14 16:26
S23	28	S8 and S16	USPAT	OR	ON	2006/03/14 16:23
S24	6	S7 and S16	USPAT	OR	ON	2006/03/14 16:26
S25	11	S6 and S16	USPAT	OR	ON	2006/03/14 16:26
S26	4511	avalanche adj2 ( (photo\$1diode) (photo adj2 diode) )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/15 17:50
S27	48088	field adj3 control	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:27
S28	17341	((punch\$1through) ( punch adj2 through))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:27
S29	66	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:28
S30	25	S26 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:28
S31	4	(S26 and S27 and S28)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:28
S32	26	S29 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:28
S33	7	S30 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:28
S34	572	S26 and ( doping dopant )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:32
S35	23	S34 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/14 16:32
S36	6	("5539221"   "5543629"   "5912478"   "6218657"   "6342701").PN. OR ("6720588").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 16:38
S37	7	("4481523"   "4857982"   "4876209"   "5144381").PN. OR ("6515315").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 16:44
S38	2	((("6344846") or ("6008798"))).PN.	USPAT	OR	OFF	2006/03/15 17:50
S39	3	((punch adj2 through) (punch\$1through) ) with (avalanche adj2 ( (photo\$1diode) (photo adj2 diode) ))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/15 18:24

## EAST Search History

S40	5	dynamic and (avalanche adj2 ( (photo\$1diode) (photo adj2 diode) )) and ( (punch adj2 through) (punch\$1through) )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/15 18:36
S41	279	((determin\$4 detect\$4 obtain\$4 measur\$5 ) near3 (dynamic ) ) and (avalanche adj2 ( (photo\$1diode) (photo adj2 diode) ))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/15 18:36
S42	26	(avalanche adj2 ( (photo\$1diode) (photo adj2 diode) )) and ( (punch adj2 through) (punch\$1through) )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 11:01
S43	31	( (punch adj2 through) (punch\$1through) ) same (breakdown overvoltage overload) same ( dynamic )	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 11:02
S44	20	S43 and (avalanche)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 11:02